

# Interference Search

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L3    | 476  | ((361/699,711) or (165/80.4,104.33) or (257/714,715)).CCLS.  | US-PGPUB  | OR               | OFF     | 2005/08/05 16:31 |
| L4    | 0    | 3 and (housing and "inner housing" and "outer housing" and "transverse partitions" and "path" and "openings" and "sealing panels" and "water inlet" and "water outlet" and "two pipes" and "pump" and "CPU" and "hard disk" and "liquid").<br>clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/05 16:31 |

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L1    | 30962   | "Radiator".ti.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:34 |
| L2    | 4       | 1 and "sealing panels"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:34 |
| L3    | 4987938 | (housing or chassis or cabinet or capsule or cartridge or casing or chamber or receptacle or tray or trunk)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:52 |
| L4    | 14598   | 3 and ("inner housing" or "inner chassis" or "inner chassis" or "inner cabinet" or "inner capsule" or "inner cartridge" or "inner casing" or "inner casket" or "inner chamber" or "inner receptacle")                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:53 |
| L5    | 8188    | 4 and ("outer housing" or "outer chassis" or "outer chassis" or "outer cabinet" or "outer capsule" or "outer cartridge" or "outer casing" or "outer casket" or "outer chamber" or "outer receptacle")                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:53 |
| L6    | 106     | 5 and ("transverse partitions" or "transverse apportionments" or "transverse barriers" or "transverse dividers" or "transverse obstructions" or "transverse partings" or "transverse separations" or "transverse walls") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:55 |
| L7    | 93      | 6 and (aisle, artery, avenue, byway, groove, lane, pass, passage, pathway, route, rut, thoroughfare)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:57 |
| L8    | 95      | 6 and (path aisle, artery, byway, groove, lane, pass, passage, pathway, route, rut, thoroughfare)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/05 08:58 |

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L9  | 93   | 8 and ("openings" or aperture, breach, break, cavity, chink, cleft, crack, cranny, crevice, cut, discontinuity, door, outlet, slit, slot, space, split, tear, window) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/05 09:00 |
| L10 | 1    | 9 and ("sealing panels") and ((water or liquid or fluid) adj inlet) and ((water or liquid or fluid) adj outlet)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/05 09:02 |
| S5  | 810  | (361/699).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/03 17:12 |
| S6  | 1242 | (165/80.4).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/04 14:31 |
| S7  | 1253 | (165/80.4).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 09:28 |
| S8  | 897  | (361/699).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 09:29 |
| S9  | 814  | (361/699).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/08/04 15:20 |
| S10 | 868  | S7 not S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2005/08/04 09:29 |
| S11 | 2270 | 165/104.33  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 11:07 |
| S12 | 2119 | S11 not S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 11:07 |

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S13 | 1759 | S12 not S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 11:17 |
| S14 | 3137 | ((361/699) or (165/80.4,104.33)).<br>CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 14:31 |
| S15 | 32   | S14 and ("U-Shaped Cross section"<br>or "U Shaped cross section")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 14:32 |
| S16 | 0    | (housing or chassis) and ("inner<br>housing" or "inner chassis") and<br>("outer housing" or "outer chassis")<br>and "transverse partitions" and<br>"path" and "openings" and "sealing<br>panels" and "water inlet" and "water<br>outlet" and ("heat conduction plate"<br>or "cold plate" or "cooling plate" or<br>"chilling plate") and "two pipes" and<br>"pump" and (CPU or "Central<br>processing unit" or "disk drive" or<br>"hard disk drive" or "hard disk") and<br>"liquid" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/05 08:35 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S17 | 201 | ("4790911" "5921680" "4584932"<br>"4901537" "5581443" "5784256"<br>"5995370" "6161389" "4258699"<br>"4357023" "4392008" "4393922"<br>"4412408" "4757183" "4815522"<br>"4961320" "5451278" "5571153"<br>"6058013" "4310386" "4812944"<br>"4818842" "4884169" "4894680"<br>"5282364" "5327874" "5402312"<br>"5402803" "5423122" "5448897"<br>"5518268" "5573184" "5693080"<br>"5701631" "5715683" "5731954"<br>"5782172" "5798584" "5860751"<br>"5887551" "6014073" "6119682"<br>"6119490" "6157533" "6166906"<br>"6180436" "6215660" "6223815"<br>"6215660" "6223815").pn.<br>("4273148" "4284421" "4315597"<br>"4335784" "4431048" "4442890"<br>"4449923" "4467137" "4475587"<br>"4478276" "4514657" "4517624"<br>"4536642" "4558737" "4592557"<br>"4611653" "4630471" "4756891"<br>"4762423" "4763225" "4767426"<br>"4814584" "4825638" "4827134"<br>"4858071" "4862088" "4866250"<br>"4877331" "4934907" "4940567"<br>"4962445" "4963819" "5235491"<br>"5253737" "5256857" "5313248"<br>"5326257" "5333470" "5480300"<br>"5485143" "5503745" "5542263"<br>"5544787" "5580242" "5584437"<br>"5601428" "5619863" "5684459"<br>"5712765" "5763118").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/05 08:31 |
| S18 | 347 | S9 and pump  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:41 |
| S19 | 508 | (361/715).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:41 |
| S20 | 18  | S19 and pump   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:48 |

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S21 | 359  | (361/702).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:48 |
| S22 | 51   | S21 and pump   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:54 |
| S23 | 149  | (361/711).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:59 |
| S24 | 1135 | (174/15.1).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 15:59 |
| S25 | 261  | S24 and pump   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:59 |
| S26 | 15   | ("5111170"   "5220804"   "5309319"<br>  "5428326"   "5522452"  <br>"5675473"   "5805033").PN. OR<br>("6060966").URPN.                                | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/08/04 16:19 |
| S27 | 0    | ("2005/0157468").URPN.   | USPAT   | OR | ON  | 2005/08/04 16:24 |
| S28 | 9    | ("20030209343"   "5299278"  <br>"5323847"   "5940270"   "6029742"<br>  "6166907"   "6208512"  <br>"6327145"   "6600649").PN. OR<br>("6763880").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/08/04 16:25 |

|     |    |   |                              |    |    |                  |
|-----|----|---|------------------------------|----|----|------------------|
| S29 | 44 | ("3725566"   "4399484"   "4542076"<br>  "4706164"   "4711431"  <br>"4847731"   "4854377"   "4884167"<br>  "4912600"   "4935864"  <br>"4945980"   "4964019"   "5014777"<br>  "5050037"   "5057968"  <br>"5131233"   "5166863"   "5174364"<br>  "5175395"   "5177666"  <br>"5190099"   "5210440"   "5220804"<br>  "5232164"   "5256833"  <br>"5264984"   "5285351"   "5289363"<br>  "5329419"   "5348076"  <br>"5360993"   "5384687"   "5388030"<br>  "5431974"   "5436501"  <br>"5436793"   "5463528"   "5483423"<br>  "5491363").PN. OR ("5831824").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/08/04 16:26 |
| S30 | 28 | ("1750750"   "1821509"   "3174540"<br>  "3572426"   "4226282"  <br>"5237338"   "5253702"   "5289869"<br>  "5331510"   "5339214"  <br>"5358799"   "5491610"   "5504650"<br>  "5651411"   "5695004").PN. OR<br>("6041850").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/08/04 16:29 |
| S31 | 44 | ("3725566"   "4399484"   "4542076"<br>  "4706164"   "4711431"  <br>"4847731"   "4854377"   "4884167"<br>  "4912600"   "4935864"  <br>"4945980"   "4964019"   "5014777"<br>  "5050037"   "5057968"  <br>"5131233"   "5166863"   "5174364"<br>  "5175395"   "5177666"  <br>"5190099"   "5210440"   "5220804"<br>  "5232164"   "5256833"  <br>"5264984"   "5285351"   "5289363"<br>  "5329419"   "5348076"  <br>"5360993"   "5384687"   "5388030"<br>  "5431974"   "5436501"  <br>"5436793"   "5463528"   "5483423"<br>  "5491363").PN. OR ("5831824").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/08/04 16:32 |